

DOGM
MINERALS PROGRAM
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Reclamation Estimate for the Atlas Four Corners Mine M/015/014

Prepared By
Utah State Division of Oil, Gas and Mining
May 23, 1989 Revised July 14, 1989

Description	Quantity	Unit	\$/Unit	Total Cost (\$)
Facilities Reclamation				
Demolish and Dispose of Buildings	3,500	Square Feet	2.9	(a)
Plug and Cover Vent Hole (24 inch)		Lump Sum		2,000
Install Bulkhead 100 feet Inside Portal		Lump Sum		1,200
Backfill Decline to Bulkhead	600	Cubic Yards	0.60	360
Remove Trash	2	Acres	100	200
Grade for Uniformity	2	Acres	400	800
Revegetate	2	Acres	175	350
Subtotal				4,910
Completed Partial Reclamation (b)				
Revegetate	4.8	Acres	175	840
Totals				5,750
Add Contingency (10%)				580
TOTAL RECLAMATION COST (1989 Dollars)				6,330
TOTAL RECLAMATION COST (1991 Dollars) @ 1.93% Annual Inflation				7,000

Note: (a) The operator has provided a third party estimate indicating the salvage value exceeds the reclamation cost.
(b) Most of the area (4.8 acres) was reclaimed during 1988. The surety is estimated through 1991 (3 growing seasons).

Revegetation Cost per Acre	Quantity	Unit	\$/Unit	Total Cost (\$)
Bare Costs				
Seed Mix	19	Pounds	7.37	140
Application Costs				
Seed Mix (broadcast by hand)	0.5	Hours	24	12
Scarify (tractor with chain)	0.3	Hours	67	23
Subtotal				35
Total Revegetation Cost per Acre				175